

Daily Summary – TPC Port Neches South 4 Group Fire

12/11/2019

SCAT Assessment to be conducted on 12/12/2019

Shoreline Impacts	Assessed, miles	In Remediation, miles	Sign Off
No Oil Observed	4.96		
Light Oil	1.05	1.05	
SCAT Recommends No Further Treatment	2.58		

Today's Activities

- BD tank injection with DEHA, which began on 12/9/2019, continued. 9 tanks of the 11 identified tanks have been completed. Tanks 109, 90, 100, 101, 91, 104 and 96 were completed 12/11. The team is awaiting the approval of the Management of Change (MOC) and will begin injecting DEHA into Tank 85 on 12/12. The process will continue until each of the identified tanks has been injected with the prescribed amount of DEHA.
- The low volume vapor leak on Tank 33, which is inaccessible for safety reasons, is ongoing. The tank level is below measurable quantities. Drone surveys on Tank 33 were conducted on 12/11. The cribbing contractor is now on site performing a visual inspection from a safe distance outside of the exclusion zone. Technical teams are developing the Cribbing Plan and a plan for mitigating the leak. The tank must be secured prior to performing the tasks of cribbing and mitigating the leak.
- To address a request for information from the City of Port Neches, the EPA and TCEQ have requested water analysis data from the Port Neches raw water supply (LNVA canal). These are to be compared to the TCEQ drinking water standards.
- The Revised Decontamination Plan was approved on 12/11. Further Decon activities are awaiting the SCAT assessment.
- 120 hours without wildlife hotline calls. Wildlife Response personnel on call, no EOC presence.
- There was no stormwater discharge via Outfall 201. The water level in the plant remains 1.5 feet below the weir.
- The wastewater lines from Air Liquide have been evaluated in preparation to begin discharging to the JWWTP per routine procedures.

Upcoming Activities

- Conduct formal SCAT assessment. The SCAT Team consists of a multi-agency group that includes EPA, US Coast Guard, General Land Office, TCEQ, TPWD, County and Local agencies. The team and other stakeholders will observe the waterways and evaluate the conditions to ensure they meet the agreed upon endpoints.
- Develop a plan for addressing Tank 33's stabilization and leak mitigation
- Securing Tank 33 and implement the Cribbing Plan and the Leak Mitigation Plan.
- Daily school air monitoring is continuing
- Lion is planning to start up normal operations, which will increase the amount of wastewater sent to the JWWTP via TPC per routine procedure.

Health and Safety

- No issues to report

Water Effluent

- Status of 201: No Flow
- GPM to JWWTP: 2800 gpm

Water Testing: 12/11/2019 No new results.

- Since December 7, 2019, an estimated 133 surface water samples have been collected from 17 different locations for VOCs, SVOCs, PAH, PFAS, TPH, TOC, oil and grease, ethylene glycol, and asbestos analysis. Results of these analysis are not representative of drinking water sources. There are no drinking water sources downstream of the waterways.
- There have been no exceedances of TCEQ Contact Recreation Water Protective Concentration Limit (PCL) screening levels for the surface water samples with available PCLs. Where no PCLs are available, results are being compared to background surface water samples. There are no drinking water sources downstream.
- EPA provided additional criteria for screening the results. That comparison is being conducted.

Wildlife Report

- None

Recovery Operations

- No changes

SCAT Report

- Barring unforeseen events, SCAT anticipates being in Phase 3 (per Endpoint document) and barring unforeseen events, SCAT anticipates being in Phase 3 (per Endpoint document) and recommending implementation of the Maintenance and Monitoring program by 12/12 or 12/13 of this week.
- Performed spot inspections at Division A (Pine & Orchard St), Division B on levee at pumps, and Division E (from pumps to wetland outfall).
- **Division E** – At this morning's observation (12/11), the pumps were not running and the water level in Division was at the lowest point that SCAT has observed thus far. The water level was too low to allow for a boat and another round of flushing as had been planned. (Awaiting results of analysis of sample ref# X016 on 12/10/2019 of material coming off vegetation.)
- **Divisions A** – Some sheening being observed at Joint out fall at western most end of Division A.
- **Weir at Division B/C**- No flow over weir observed today (12/11).
- **201 Outfall in TPC Facility**: No flow was observed over the weir today.

Waste

Gallons	Frac Tanks (20,000 gallons capacity)	# Of Tanks Used
137,000	Liquids from outfall canal skimming	7
5,000	Water and hydrocarbons from south separator	0.25
30,000	Latex-laden Wastewater from LION	1.5
	Empty Available and Staged	6
172,000	Totals	16

CYD's	Potential Asbestos Containing Material (PACM)	# Of Boxes Used
12.5	Material from 201 outfall and south separator	0.5
25	Motiva (1-full, 1-in use)	2
	Joint Waste Water (have not begun using yet)	1
37.5	Totals	4

CYD's	Roll Off Boxes (25 CYD's capacity)	# Of Boxes Used
162.5	Hydrocarbon Debris and Sorbents From Canal	6.5
162.5	Totals	7

Empty available and staged (requested 4 more) 3

Other		
	Routine Plant Trash (Garbage)	1
	Dirty Containment Boom waiting on decon	1

Asbestos Monitoring

Community

- Wipe samples: Zero of the 90 samples collected have been positive for asbestos
- Bulk Sampling: 43 of 100 samples tested positive for asbestos

Air Monitoring Sampling Results

Community

Analytical	Detections	Samples Collected	Sample Stations
Volatile Organic Compounds (VOC)*	2*	344	33
Poly Aromatic Hydrocarbons (PAH)	None Detected	461	28
Asbestos	None Detected	547	32

2* There were detectable amounts of VOC, but two were above the Texas Commission on Environmental

Quality (TCEQ) 24-hour AMCV (430 ppb), however below the TCEQ short-term AMCV (1,700 ppb).

Community Assessments

Refer to following pages.

Community Assessment Summary

2724

Count of Curbside
Assessments
Completed

575

Count of Properties
with Observed
Damage

298

Count of Properties
with Observed Debris

72

Count of Industrial
Debris Claims
Sampled

Community Assessment Summary - Jefferson

1391

Count of Curbside
Assessments
Completed

536

Count of Properties
with Observed
Damage

187

Count of Properties
with Observed Debris

56

Count of Industrial
Debris Claims
Sampled

Community Assessment Summary - Orange

1333

Count of Curbside
Assessments
Completed

39

Count of Properties
with Observed
Damage

111

Count of Properties
with Observed Debris

16

Count of Industrial
Debris Claims
Sampled

Completed Assessments Property Type Summary

Type	# of Properties
Church	9
Commercial/Business	39
Detached storage building.	1
Empty Lot	62
Industrial Facility	1
Library	1
Multi-family Residence	20
Other Public Area	3
Park	3
Single Family Home	2623
	2762